

## Goat anti-Vipr1 (mouse) Antibody

<b>Item Number</b>	dAP-2494
<b>Target Molecule</b>	Principle Name: Vipr1 (mouse); Official Symbol: Vipr1; All Names and Symbols: Vipr1; vasoactive intestinal peptide receptor 1; AV071699; VIP-R1; VPAC1; PACAP type II receptor; PACAP-R-2; PACAP-R2; VIP receptor subtype 1; VIP-R-1; pituitary adenylate cyclase-activating polypeptide type II receptor; vasoactive intestinal polypeptide ; Accession Number (s): NP_035833.2; Human Gene ID(s): ; Non-Human GeneID(s): 22354 (mouse) 24875 (rat)
<b>Immunogen</b>	QLFSPIHGYNISRN, is from internal region
<b>Applications</b>	Pep ELISA, WB Species Tested: Mouse, Rat
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 1000.
<b>Western Blot</b>	Western Blot: Approx 52kDa band observed in Mouse and Rat Small Intestine lysates (calculated MW of 52.1kDa according to NP_035833.2). Recommended concentration: 1-3µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Yadav M, Huang MC, Goetzl EJ. VPAC1 (vasoactive intestinal peptide (VIP) receptor type 1) G protein-coupled receptor mediation of VIP enhancement of murine experimental colitis. Cell Immunol. 2011;267(2):124-32..PMID: 21295288->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**